



FEBRUARY 2, 1993

*** CLIENT COPY ***
*** PLEASE MAIL ***
*** TO CUSTOMER ***

RE: Liberty Cable Co., Inc.
30 Rockefeller Plaza, Suite 3026, New York, NY 10020
18 GHz Video Microwave System
Windsor Ct -> 200 East 36, NY
1692 3rd Ave -> Riverside Drive, NY
* 205 East 64th -> 116 East 66th, NY
The Following Two Paths Were PCNed 11/19/91
The Proposed Changes Have Been Underlined
1692 3rd Ave -> 180 East End, NY
* 205 East 64th -> 733 Park Ave, NY

Dear Sir or Madam:

On behalf of Liberty Cable Co., Inc., we are forwarding the attached coordination data for the proposed microwave path referenced above, pursuant to Parts 21.100(d) and 94.15(a) of the FCC Rules.

Please examine this data for potential interference with your stations. In the event that interference problems are discovered, please notify us at your earliest convenience. If a response is not received within thirty days of this notice, we will assume that you have no objections to this proposal.

If you have any questions or require additional information, please call me.

Sincerely,

Michael R. Roth
Engineer
Transmission Planning Services



SUPPLEMENTAL SHOWING, PART 21.100(D)

Liberty Cable Co., Inc.
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PURSUANT TO PART 21.100(D) OF THE FCC RULES AND REGULATIONS THE ABOVE REFERENCED MICROWAVE ROUTE WAS COORDINATED WITH THE EXISTING LICENSEES AND APPLICANTS WHOSE FACILITIES COULD BE AFFECTED. COORDINATION DATA WAS FORWARDED ON FEBRUARY 2, 1993.

THE FOLLOWING CARRIERS OR THEIR DESIGNATED COORDINATION AGENTS WERE NOTIFIED:

AAD MICROWAVE SERVICES CORPORATION
AAT COMMUNICATIONS CORPORATION
ABC RADIO NETWORK INC
ABRAHAM AND STRAUS
ACC NETWORK CORPORATION
AETNA LIFE INSURANCE COMPANY
ALBANY TELEPHONE COMPANY
ALLENTOWN CELLULAR TELEPHONE COMPANY
AMERICAN CELL. NET. CORP. dba COMCAST CE
AMERICAN SATELLITE COMPANY
AMICA MUTUAL INSURANCE CO C/O NEW ENG DI
ASSOCIATED PRESS - CTS ENGINEERING
AT&T COMMUNICATIONS
BELL ATLANTIC - NSS
BELL COMMUNICATIONS RESEARCH, INC.
BLUE CROSS BLUE SHIELD OF MASSACHUSETTS
BOLT BERANEK AND NEWMAN INC
BOSTON EDISON CO
CABLE SCIENCE CORPORATION
CANTON CELLULAR TELEPHONE - PENNSYLVANIA
CARL COMPANY
CELLULAR OF UPSTATE NEW YORK



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CELLULAR TELEPHONE COMPANY OF NEW YORK
CHANNEL 13 TELEVISION
CHANNEL 20 LICENSEE INC
CHASE MANHATTAN BANK
CITY UNIVERSITY OF NEW YORK
COLUMBIA UNIVERSITY
COMDISCO DISASTER RECOVERY SERVICE
COMMUNITY HOME ENTERTAINMENT
COMPUGRAPHIC
COMSEARCH
CONNECTICUT BANK AND TRUST COMPANY
CONNECTICUT LIGHT AND POWER COMPANY
CONNECTICUT PUBLIC BROADCASTING, INC.
CONSOLIDATED EDISON COMPANY OF NEW YORK
CONSOLIDATED RAIL CORPORATION
CONSOLIDATED SPECTRUM SERVICES
CORP. SATELLITE COMMUNICATIONS INC (CSC)
DELMARVA POWER & LIGHT CO.
DIGICOM INC
DOW JONES AND COMPANY, INC.
EBASCO SERVICES, INC.
EDUCATIONAL BROADCASTING COMPANY
EDWARDS AND KELCEY INC
EMI COMMUNICATIONS CORPORATION



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FAIRCHILD COMM NETWORK MNGMT CO
FIRST BOSTON CORPORATION
FIRST NATIONAL BANK OF BOSTON
FIRST NATIONAL BANK OF MARYLAND
FRANKLIN COUNTY OF
GENERAL ELECTRIC RADIO SERVICES CORP
GREENWICH POLICE DEPARTMENT
GROUP W TELEVISION / WJZ TV
GRUMMAN AEROSPACE CORPORATION
HARRISBURG CELLULAR TELEPHONE COMPANY
HUDSON VALLEY COMMUNITY COLLEGE
IBM RESEARCH AND DEVELOPMENT, INC.
INTERACTIVE MEDIA SERVICES
LAUREL RACETRACK
LAWRENCE SCHOOL DISTRICT
LEVER BROTHERS
LIZ CLAIBORNE, INC.
LOCAL AREA TELECOMMUNICATIONS INC
LONG ISLAND RAILROAD COMMUNICATIONS DEP
MALRITE
MARYLAND STATE OF MASS TRANSIT ADMIN
MCGRAW HILL, INC. NET ENG N-1
MCI TELECOMMUNICATIONS CORPORATION
MEDICAL COLLEGE OF PENNSYLVANIA
METRO CABLE SYSTEMS, INC.



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METRO MOBILE CTS OF FAIRFIELD COUNTY
METROMEDIA COMMUNICATIONS CORPORATION
METRONET COMMUNICATIONS
METRONET INC RADIO PAGING
MICRO TEL OF LONG ISLAND, INC.
MICROBAND CORPORATION OF AMERICA
MICROBAND WIRELESS CABLE OF NEW YORK, IN
MICRONET COMMUNICATIONS, INC.
MICROWAVE PLANNING, INC.
MICROWAVE SATELLITE TECH. - WOODSIDE
MIDLAND COMMUNICATIONS CORPORATION
MORGAN STANLEY
MOTOROLA C & E, INC
MicroNet, Inc.
NASSAU, COUNTY OF POLICE DEPARTMENT
NATIONAL WESTMINSTER BANK
NBC SUBSIDIARY (WNBC-TV, INC.)
NEW ENGLAND DIGITAL DISTRIBUTION, INC.
NEW ENGLAND MICROWAVE INC (STORER)
NEW ENGLAND TELEPHONE COMPANY
NEW JERSEY BELL TELEPHONE COMPANY
NEW JERSEY INTERCAMPUS NETWORK INC
NEW JERSEY PUBLIC BROADCASTING AUTHORITY
NEW YORK STATE OF OFFICE GENERAL SRVCS



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NEW YORK CELLULAR GEOGRAPHIC SRVC AREA
NEW YORK CGSA FOR ALBANY
NEW YORK CITY HEALTH & HOSPITAL CORP
NEW YORK CITY POLICE DEPARTMENT
NEW YORK STATE ASSEMBLY
NEW YORK STATE ELECTRIC AND GAS
NEW YORK STATE HOSPITAL
NEW YORK TELEPHONE
NEW YORK UNIVERSITY, TELECOM. DEP'T.
NEW YORK, CITY OF BOARD OF EDUCATION
NORTHEASTERN PENNSYLVANIA CELLULAR TEL
NORTHFIELD MT HERMON SCHOOL
ORANGE COUNTY CELLULAR TELEPHONE CORP.
OTSEGO COUNTY, NEW YORK
PAINE-WEBBER
PENNSYLVANIA CELLULAR TELEPHONE CORP.
PHOENIX COMMUNICATIONS, INC.
PORT AUTHORITY OF NEW YORK & NEW JERSEY
PROVIDENCE JOURNAL
PRUDENTIAL BACHE SECURITIES INC
PUTNAM COMPANIES
RANA INC
RCI NETWORK SERVICES
ROBERT PLAN INSURANCE CORPORATION
SAINT JOSEPH HOSPITAL



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(CONT'D)

SANDERS ASSOCIATES
SCHENECTADY COUNTY, NEW YORK/LAW ENFORCE
SCRIPPS HOWARD BROADCASTING CO, INC
SOUTHEASTERN PENNSYLVANIA AUTHORITY
SOUTHERN NEW ENGLAND TELEPHONE CO
SOUTHWESTERN BELL MOBILE SYSTEMS - MA
SPEAR LEEDS AND KELLOGG INC
SPENCER GIFTS
STATE STREET BANK AND TRUST COMPANY
STATE UNIVERSITY OF NEW YORK
SUBURBAN CABLE TV CO INC
SUPERIOR CABLE TV
SUSQUEHANNA CELLULAR COMM LTD PARTNERSHI
TELEMARK NETWORKS, INC
TELEMEDIA COMMUNICATIONS, INC
THE BOEING COMPANY
TUFTS UNIVERSITY
URBAN CABLESYSTEMS CORPORATION
WATCH TOWER BIBLE & TRACT SOCIETY OF NY
WATERFRONT COMMUNICATIONS CORPORATION
WCAU-TV
WEST CORP COMMUNICATIONS, INC
WEST JERSEY HEALTH SYSTEM
WESTCHESTER, COUNTY OF
WHYY, INC.



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(CONT'D)

WILCO ELECTRONIC SYSTEMS, INC
WXTV-TV

RESPECTFULLY SUBMITTED,

COMSEARCH

MICHAEL R. ROTH
ENGINEER
TRANSMISSION PLANNING SERVICES

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

SUPPLEMENTAL SHOWING, RE: PART 94.15(b)

02/02/93

PURSUANT TO PART 94.15(b) OF THE FEDERAL COMMUNICATIONS
COMMISSION RULES AND REGULATIONS, AN ENGINEERING ANALYSIS
WAS PERFORMED BY COMSEARCH FOR:

LIBERTY CABLE CO., INC.

1692 3RD AVE -> RIVERSIDE, 180 EAST END, NY
205 EAST 64TH -> 116 EAST 66TH, 733 PARK AVE, NY
WINDSOR CT -> 200 EAST 36, NY

18 GHZ VIDEO MICROWAVE SYSTEM

THE RESULTS OF THE STUDY INDICATE THAT THE PROPOSED
FREQUENCIES DO NOT CAUSE INTERFERENCE CONFLICTS WITH ANY
EXISTING OR APPLIED-FOR FACILITIES IN THE AREA.

THE LICENSEES AND CALL SIGNS OF THE STATIONS CONSIDERED
IN THE ANALYSIS ARE AS FOLLOWS:

AAD MICROWAVE SERVICES CORPORATION
~~EMPIRE~~ FOSTER MALTAS RXONLY

AAT COMMUNICATIONS CORPORATION
WNTF925 WNTF926

ABC RADIO NETWORK INC
WNTF713 WNTF714 WNTI941

ABRAHAM AND STRAUS
WNEI230 WNEI231 WNEI232 WNEP365

ACC NETWORK CORPORATION
WLL906

AETNA LIFE INSURANCE COMPANY
WNTG240 WNTG241

COMSEARCH
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ALBANY TELEPHONE COMPANY
WLN829 WLU913

ALLENTOWN CELLULAR TELEPHONE COMPANY
WLC579 WLV396

AMERICAN CELL. NET. CORP. dba COMCAST CE
EDISON LAWREN PISCAT TRENTO WLU865 WLU866
WLV388

AMERICAN SATELLITE COMPANY
KFN77 WLT371

AMICA MUTUAL INSURANCE CO C/O NEW ENG DI
LINCOL WNTJ593 WNTJ594 PROVID

ASSOCIATED PRESS - CTS ENGINEERING
WNEU726 WNEU727 WNEU728

AT&T COMMUNICATIONS
KE2XGA NASHUA TEMP12 WJM60

BLUE CROSS BLUE SHIELD OF MASSACHUSETTS
WNEH993 WNTJ749

BOLT BERANEK AND NEWMAN INC
WNEK843 WNES254

BOSTON EDISON CO
KCE54 KQV46

CABLE SCIENCE CORPORATION
12161F 12205F 12399F 1BAYCL 225VAN 675LIN
902DRE

CANTON CELLULAR TELEPHONE - PENNSYLVANIA
WLU914 WMJ532

CARL COMPANY
WNEW501 WNEW517

CELLULAR OF UPSTATE NEW YORK
WLR257 WLR261

CELLULAR TELEPHONE COMPANY OF NEW YORK
NORTHV OYSTER PLAINV RIVERH

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

CHANNEL 13 TELEVISION
60WASH RXONLY

CHANNEL 20 LICENSEE INC
WNEC213 WNEY957 WNTB844 RECEIV

CHASE MANHATTAN BANK
WNEE314 WNEE315 WNEF312 WNEF313 WNEI297

CITY UNIVERSITY OF NEW YORK
MEDGAR MEDOLD

COLUMBIA UNIVERSITY
WEH950 WEH951

COMDISCO DISASTER RECOVERY SERVICE
WNEW385 WNEW386 WNEW387

COMMUNITY HOME ENTERTAINMENT
DARROW RXONLY

COMPUGRAPHIC
WNEE816 WNEE817

CONNECTICUT BANK AND TRUST COMPANY
WGY428 WGY429

CONNECTICUT LIGHT AND POWER COMPANY
KCH90 KYX94 WNEO535 WNEO536 WNEO537 WNEW710
WNEW711 WGX602

CONNECTICUT PUBLIC BROADCASTING, INC.
AVON FARMIN GLASTO HARTFO WLI722 WLI726

CONSOLIDATED EDISON COMPANY OF NEW YORK
~~4IRWIN~~ WNEK492 WNEQ666 WNEQ667 WNER861 WNTM742
WNTM743 WGY376 WGY378

CONSOLIDATED RAIL CORPORATION
WNTH266 WNTH267 WNTH268

CORP. SATELLITE COMMUNICATIONS INC (CSC)
WNTB677 WHO628

DELMARVA POWER & LIGHT CO.
WNEQ347 WNTK378 WED963 WJI79

DIGICOM INC
WLM419 WLN220

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DOW JONES AND COMPANY, INC.
WNTI382 WNTI383

EBASCO SERVICES, INC.
WEE641 WGY475

EDUCATIONAL BROADCASTING COMPANY
WNEY441 RXONLY

EMI COMMUNICATIONS CORPORATION				
WAU262	WDU469	WFY661	WHE540	WHE558
WHT309	WLB733	WLN513	WLT684	WLU258
				WHS952

FAIRCHILD COMM NETWORK MNGMT CO
APCITR AT&TLA

FIRST BOSTON CORPORATION				
WNEN277	WNEV671	WNTI612	WNTI613	WNTI614

FIRST NATIONAL BANK OF BOSTON
KYW57 WNEG431

FIRST NATIONAL BANK OF MARYLAND				
WNET904	WNET905	WNET910	WNEV845	SPARRO

FRANKLIN COUNTY OF
164HIG OLDALB

GENERAL ELECTRIC RADIO SERVICES CORP
WNEU409 WNEU410

GREENWICH POLICE DEPARTMENT				
WNTN531	WNTN532	WNTN533	WNTN534	WNTN535

GROUP W TELEVISION / WJZ TV			
WNEK697	WNTL882	RXONLY	WDT919

GRUMMAN AEROSPACE CORPORATION				
BLDG11	KEF55	WGY415	WGY417	WHJ314
				WOODB

HARRISBURG CELLULAR TELEPHONE COMPANY
WLU931 WLV546

HUDSON VALLEY COMMUNITY COLLEGE
WNTI381 RXONLY

IBM RESEARCH AND DEVELOPMENT, INC.			
WNEK528	WNTG324	WEG929	WHI472

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
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INTERACTIVE MEDIA SERVICES

51MERC BROADH BROOKV WNEW734 WNEW736 WNEW737
WNEW797 WNTI967

LAUREL RACETRACK

HAYWAR NROLLI

LAWRENCE SCHOOL DISTRICT

WNTJ655 WNTJ656

LEVER BROTHERS

WNEI491 WNEI492 WNEI493

LIZ CLAIBORNE, INC.

119W40 WNEX680 WNEX683 WNEX684

LOCAL AREA TELECOMMUNICATIONS JNC

PAVONI	REPUBL	TEMP01	TEMP03	TEMP04	TEMP05
TEMP06	VESEY	WHC978	WHD272	WHO845	WHO846
WHT458	WLA804	WLA805	WLA810	WLA811	WLA812
WLA817	WLB904	WLB905	WLK608	WLK609	WLK610
WLK611	WLK700	WLK701	WLK703	WLK739	WLK899
WLL461	WLL528	WLL529	WLL554	WLL555	WLL556
WLL557	WLL949	WLL950	WLM209	WLM301	WLM317
WLM318	WLM319	WLM744	WLM881	WLM939	WLN303
WLN304	WLN305	WLN366	WLN367	WLN397	WLN617
WLN618	WLN622	WLN623	WLN703	WLN704	WLN708
WLN735	WLN936	WLN937	WLN940	WLR227	WLR228
WLR229	WLR286	WLR287	WLR288	WLR299	WLR420
WLR424	WLS541	WLS542	WLT454	WLT487	WLT537
WLT538	WLT539	WLT558	WLT559	WLT560	WLT561
WLT562	WLT811	WLT812	WLT813	WLT814	WLT847
WLT848	WLT903	WLT904	WLT905	WLT906	WLU525
WLU527	WLU529	WLU569	WLU570	WLU637	WLU638
WLV389	WLV416	WLV420	WLV444	WLV659	WMK348
WNEI349					

LONG ISLAND RAILROAD COMMUNICATIONS DEP

WNEO505 WNEO507 WNEO508

MALRITE

WNEG653 WNEI922

MARYLAND STATE OF MASS TRANSIT ADMIN

WNES290 WPREST

MCGRAW HILL, INC. NET ENG N-1

WNEP966 WNEP967 WNEP968 WNEP969 WHK716

COMSEARCH
11720 Sunrise Valley Drive
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MCI TELECOMMUNICATIONS CORPORATION
WGX497 WLL859

MEDICAL COLLEGE OF PENNSYLVANIA
WNEN916 WNEN917

METRO CABLE SYSTEMS, INC.
PHIL-1 PHIL-2 PHIL-4 PHIL-A PHIL-B PHIL-C
PHIL-D PHIL-H PHIL-K PHIL-L PHIL-O PHIL-P
PHIL-R PHIL-S PHIL-T PHIL-W PHILL-

METRO MOBILE CTS OF FAIRFIELD COUNTY
WML706 WML800 WML801 WML802 WML803

METROMEDIA COMMUNICATIONS CORPORATION
E RUTH WAH493 WHQ712 WLB372 WLR290 WLR291

METRONET COMMUNICATIONS
WLL489 WLL490 WLW587 WLW588

METRONET INC RADIO PAGING
WLK723 WLK724

MICRO TEL OF LONG ISLAND, INC.
GLENOA LIJ MINEOL WTHE

MICROBAND CORPORATION OF AMERICA
COLLEG EMPIRE RXONLY WHEATO WHR520 WLC745
WMK709

MICROBAND WIRELESS CABLE OF NEW YORK, IN
MALTAS RXONLY

MICROWAVE SATELLITE TECH. - WOODSIDE
AMALGA ARGYLE BEAC12 BEAC17 BEAC21 BEAC3
BEACH BEACH BEACH BEACH1 BEACH3 BEACH5
BEACH8 BEACHH BIGSIX BRIGHT CHELSA EASTRV
FALCON FIESTA FONTAI FOUNTA HILLMA LAWREN
LUNAPA NAUTIL WNTM203 WNTM204 WNTM205 WNTM206
WNTM207 WNTM209 PATIOG PHILIP RXONLY
SEWARD SHOFDR SHOHAM SHOJAC SHOREH SHOWIL
SOUTH

MIDLAND COMMUNICATIONS CORPORATION
WLS613 WLS614

MORGAN STANLEY
WNEU648 WNEU649

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11720 Sunrise Valley Drive
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MOTOROLA C & E, INC
CORPOR MIDDLE

MicroNet, Inc.
KGN31 WNTK415 WNTK416 VETERA

NASSAU, COUNTY OF POLICE DEPARTMENT
2NDPRE 3RDPRE 4THPRE 5THPRE 6THPRE 7THPRE
8THPRE FRANKL LILCOB MANHAS MARINE MEMORI
NCMC WNTL566 WNTN298 WNTP285 WNTP289 SYOSSE
THOMAS WATERT WHI453 WHI456 WHI459 WHI464

NATIONAL WESTMINSTER BANK
WNEX352 WNEX353

NBC SUBSIDIARY (WNBC-TV, INC.)
RXONLY WLE370 WLE371 WLE373 WLE374 WLE375

NEW ENGLAND DIGITAL DISTRIBUTION, INC.
CANDW PRUDEN WLK709 WLK711 WLL304 WLL305
WLL306 WLM601 WLM602 WML249 WML250

NEW ENGLAND MICROWAVE INC (STORER)
WNTQ567 WNTQ568

NEW JERSEY BELL TELEPHONE COMPANY
ELIZAB ELIZER HACKE2 HACKEN KEA69 KEARNY
KEK98 KEL24 KYS29 LIVING MTOLIV NEWARK
PARAMU ROCHPK TEMP10 TEMP12 TETERB TOTOWA
TRENT2 TRENT4 WAYNE WBB307 WEEHAW WHIPP
WLM594 WLM595 WLM780 WLR525 WPY24

NEW JERSEY INTERCAMPUS NETWORK INC
HERITA MONTCL NJIT RUTGER SCOTT STEVEN
STOCKT TUCKER WARREN

NEW JERSEY PUBLIC BROADCASTING AUTHORITY
NJIT NJMTV RXONLY WLO382

NEW YORK STATE OF OFFICE GENERAL SRVCS
BLDG8 WNEP901 WNEP902 WNEP903 WNEP904 WNEP905
WNEP906 WADERO

NEW YORK CELLULAR GEOGRAPHIC SRVC AREA
ARLING GARDEN GLEN O JERSEY LAIGHT SUNNYS

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

NEW YORK CELLULAR GEOGRAPHIC SRVC AREA
CONTINUED

VARICK WLU805 WOBURN

NEW YORK CGSA FOR ALBANY
WLL876 WLL877

NEW YORK CITY HEALTH & HOSPITAL CORP
WNEV610 WNEV616 WNEV617 WBM570 WBM571 WCE302
WCE303

NEW YORK CITY POLICE DEPARTMENT
WNEG400 WNEX236

NEW YORK STATE ASSEMBLY
ONECOM SMITH

NEW YORK STATE ELECTRIC AND GAS
WNEU340 WNEU341

NEW YORK STATE HOSPITAL
WNET703 WNET704

NEW YORK TELEPHONE
60BROA BEACO NEWBUR WCG232 WCG233 WCG234
WCG235 WCG236 WCG237 WDD41 WLK824 WLK825
WLU996

NEW YORK UNIVERSITY, TELECOM. DEP'T.
240MER 26THST 3RDAVE EASTBL

NEW YORK, CITY OF BOARD OF EDUCATION
RXONLY WLE450

NORTHEASTERN PENNSYLVANIA CELLULAR TEL
WLC661 WLT592 WLW378

NORTHFIELD MT HERMON SCHOOL
MTHARM NORTHF

ORANGE COUNTY CELLULAR TELEPHONE CORP.
WLA311 WLV941

OTSEGO COUNTY, NEW YORK
WNTI976 WGY661 WHI952

PAINE-WEBBER
WNES834 WNES835

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

PENNSYLVANIA CELLULAR TELEPHONE CORP.
ALLENT WHITEH

PHOENIX COMMUNICATIONS, INC.
20 EXC 3 EMPI CARLST EMPIRE

PORT AUTHORITY OF NEW YORK & NEW JERSEY
WCE399 WPO92

PROVIDENCE JOURNAL
PROVID WARREN WARWIC

PRUDENTIAL BACHE SECURITIES INC
WNES799 WNES800

PUTNAM COMPANIES
WNEW788 WNEW789 WNEW790 WNEW791

RANA INC
WNTG619 WNTG620

RCI NETWORK SERVICES
WHO343 WLC614

ROBERT PLAN INSURANCE CORPORATION
WNEQ882 WNEQ883

SAINT JOSEPH HOSPITAL
WNEF345 WGY592

SANDERS ASSOCIATES
LITCHF MER-15 NCA NHQ REPEAT

SCHENECTADY COUNTY, NEW YORK/LAW ENFORCE
WHJ689 WHJ690 WHJ691

SCRIPPS HOWARD BROADCASTING CO, INC
ORIOLE USFGBL

SOUTHEASTERN PENNSYLVANIA AUTHORITY
WNES420 WEG496

SOUTHWESTERN BELL MOBILE SYSTEMS - MA
AUBURN CALLAH CAMBRI NEEDHA ROCKLA S BOST
WEYMOU WHO990 WHO991 WHO992 WHO993 WHO994

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

SOUTHWESTERN BELL MOBILE SYSTEMS - MA
CONTINUED

WHO997	WLL347	WLL564	WLL571	WLN798	WLN978
WLS759	WLS808	WLT477	WLU604	WLV734	WLW294
WML597					

SPEAR LEEDS AND KELLOGG INC
WNTS523 WNTS552

SPENCER GIFTS
WHH589 WHH590

STATE STREET BANK AND TRUST COMPANY
WNEK981 WNEK982 WNES610 WNES990 WNES991 PALMER

STATE UNIVERSITY OF NEW YORK
WNEW674 WNEW675

SUBURBAN CABLE TV CO INC
KINGPR NEWHOL WBM731 WHZ910

SUPERIOR CABLE TV
UNIT30 UNIT90

SUSQUEHANNA CELLULAR COMM LTD PARTNERSHI
WLC321 WLN992

TELEMARK NETWORKS, INC
20EXCH NEWARK WLR460 WLR461 WLR462 WMK737

TELEMEDIA COMMUNICATIONS, INC
PARKPL PARKWA PENNAV THEPHI

THE BOEING COMPANY
WNEF240 WNEF241 WNEV573 WNEV574 WNEV575

TUFTS UNIVERSITY
ADMINB DENTAL EATONH WNEU811 WNEU812

URBAN CABLESYSTEMS CORPORATION
RXONLY VIRGIN

WATCH TOWER BIBLE & TRACT SOCIETY OF NY
WNEF888 WNEF889 WNEF890 WNEI862

WATERFRONT COMMUNICATIONS CORPORATION
15COLU CNBC GIANTS PHOENI

WCAU-TV
WCAUST WCAUTX

WEST CORP COMMUNICATIONS, INC
ABBOTT EXECUT LOCUST WNTS962 WNTS963 PARKTO

COMSEARCH
11720 Sunrise Valley Drive
Reston, Virginia 22091
(703) 620-6300

WEST CORP COMMUNICATIONS, INC
CONTINUED
PENNSL WINDSO

WEST JERSEY HEALTH SYSTEM
WNTM900 WNTM902 WNTM903 WNTM904

WESTCHESTER, COUNTY OF
WNEE395 WNEZ897 RADIO WATER WESTCH

WHYY, INC.
LIBERT MICRON WNEQ791 WNTC378 RXONLY

WILCO ELECTRONIC SYSTEMS, INC
HARRIS IROQUO QUEENL RITTEN SOUTHW WILSON
WPARKH

WXTV-TV
WNTJ260 RXONLY

RESPECTFULLY SUBMITTED,
COMSEARCH



MICHAEL R. ROTH
ENGINEER
TRANSMISSION PLANNING SERVICES

ATTACHMENT D

UNITED STATES OF AMERICA FEDERAL COMMUNICATIONS COMMISSION
GETTYSBURG, PA 17326

APPLICATION FOR STATION AUTHORIZATION IN THE
PRIVATE OPERATIONAL FIXED MICROWAVE RADIO SERVICE

Approved by OMB
3000-107
Expires 10/31/92
See instructions for information
regarding public burden estimate

COPY

FOR COMMISSION USE ONLY

FILE NUMBER:


792859

SEND TO ASB: ☐ YES ☐ NO

4/1/93

FOR APPLICANT: Use FCC Form 402 Instructions dated December, 1989, or later for reference in completing form.

SECTION I-IDENTIFICATION INFORMATION

1. NAME OF APPLICANT: LIBERTY CABLE CO., INC.		3. CALL SIGN: (If application refers to an existing Part 94 station) WNTM-555	
2. MAILING ADDRESS: (No., street, city, state, ZIP code) 215 E. 95th Street New York, NY 10128		4. LICENSEE IDENTIFICATION NUMBER: (If previously assigned by the Commission) 005203-200	
<input type="checkbox"/> Check here if you are a current Part 94 licensee and your mailing address, item 2, IS NOT the address on file.		5A. NAME OF PERSON TO CONTACT REGARDING APPLICATION: Jennifer L. Richter, Esq.	
6. TYPE OF APPLICANT: <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> ASSOCIATION <input type="checkbox"/> GOVERNMENTAL ENTITY <input type="checkbox"/> PARTNERSHIP <input checked="" type="checkbox"/> CORPORATION		5B. TELEPHONE NUMBER OF THE CONTACT: (202) 296-0600	
7. CLASS OF STATION: (enter code) FXO		8. ELIGIBILITY RULE SECTION 90.75(a)(1)	
9A. PURPOSE OF APPLICATION: <input type="checkbox"/> NEW STATION <input checked="" type="checkbox"/> MODIFICATION (SEE 9B & 9C) <input type="checkbox"/> MODIFICATION WITH RENEWAL (SEE 9B & 9C) <input type="checkbox"/> ASSIGNMENT AUTHORIZATION <input type="checkbox"/> OTHER (SPECIFY) 			

9B.	PATH	ACTION	OLD VALUE OF KEY ITEMS CHANGED			
	A	<input checked="" type="checkbox"/> ADD <input type="checkbox"/> CHANGE <input type="checkbox"/> DELETE	20	30	31	32
	B	<input type="checkbox"/> ADD <input type="checkbox"/> CHANGE <input type="checkbox"/> DELETE	20	30	31	32
	C	<input type="checkbox"/> ADD <input type="checkbox"/> CHANGE <input type="checkbox"/> DELETE	20	30	31	32
	D	<input type="checkbox"/> ADD <input type="checkbox"/> CHANGE <input type="checkbox"/> DELETE	20	30	31	32
	E	<input type="checkbox"/> ADD <input type="checkbox"/> CHANGE <input type="checkbox"/> DELETE	20	30	31	32

9C. DESCRIBE ANY OTHER CHANGES:

10. WILL THIS SYSTEM BE USED TO PROVIDE A COMMUNICATIONS PRIVATE CARRIER SERVICE TO OTHERS? ☐ YES ☒ NO

SECTION II-ANTENNA INFORMATION

11. LOCATION OF TRANSMITTING ANTENNA STRUCTURE:	
A. NUMBER AND STREET: (or other specific indication) 155 East 31st Street (Windsor Court)	B. CITY: New York
C. COUNTY: New York	D. STATE: NY
E. COORDINATES: (Degrees, Minutes, Seconds) LATITUDE: 40-44-41 N LONGITUDE: 73-58-50 W	
12A. IS THE ANTENNA TO BE MOUNTED ON AN EXISTING ANTENNA STRUCTURE? IF YES, ANSWER ITEMS 12B, C, D, & E. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
12B. WILL THE ANTENNA INCREASE THE HEIGHT OF THE EXISTING STRUCTURE? IF YES, BY HOW MANY FEET? <input type="checkbox"/> YES <input type="checkbox"/> NO	
12C. NAME OF CURRENT LICENSEE USING STRUCTURE:	FOR COMMISSION USE ONLY ASB:
12D. CURRENT LICENSEE'S RADIO SERVICE:	
12E. CURRENT LICENSEE'S CALL SIGN:	
13. FOR ANTENNA TOWERS (OR POLES) MOUNTED ON THE GROUND: ENTER THE OVERALL HEIGHT ABOVE GROUND OF THE ENTIRE ANTENNA (OR POLE) INCLUDING ALL ANTENNAS, DISHES, LIGHTNING RODS, OBSTRUCTION LIGHTING, ETC. MOUNTED ON IT. FT	
14. FOR ANTENNAS OR ANTENNA TOWERS (OR POLES) MOUNTED ON A SUPPORTING STRUCTURE SUCH AS A BUILDING, WATER TOWER, SMOKE STACK, ETC.	
14A. WHAT IS THE OVERALL HEIGHT ABOVE GROUND OF THIS SUPPORTING STRUCTURE? INCLUDE IN THIS HEIGHT ANY ELEVATOR SHAFTS, PENTHOUSES, LIGHTNING RODS, LIGHTS, ETC., WHICH ARE NOT PART OF THE ANTENNA TOWER (OR POLE) 340 FT	
14B. HOW MANY FEET DOES THE ANTENNA TOWER (OR POLE) (INCLUDING ALL ANTENNAS, DISHES, LIGHTNING RODS, LIGHTS ETC.) INCREASE THE HEIGHT OF THE SUPPORTING STRUCTURE IN ITEM 14A? IF THIS ANTENNA OR ANTENNA TOWER (OR POLE) DOES NOT INCREASE THE HEIGHT OF THE SUPPORTING STRUCTURE, ENTER ZERO (0) FT	
14C. WHAT IS THE OVERALL HEIGHT OF THIS SUPPORTING STRUCTURE PLUS THE ANTENNA TOWER (OR POLE)? FT	
15. GIVE THE GROUND ELEVATION ABOVE MEAN SEA LEVEL AT THE ANTENNA SITE FT	
16A. NAME OF NEAREST AIRCRAFT LANDING AREA: La Guardia	16B. DIRECTION AND DISTANCE TO NEAREST RUNWAY N.E. 5.9 miles

17A. Has notice of construction been filed with the FAA on FAA Form 7460-1? If yes, answer items 17B, C, and D. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
17B. NAME UNDER WHICH YOU FILED:	17C. FAA REGIONAL OFFICE: (City)
17D. DATE FILED:	
18. Would a Commission grant of your application be an action which may have a significant environmental effect as defined by Section 1.1307 of the Commission's Rules? See Instruction 18. If you answer yes, submit the statement as required by Sections 1.1308 and 1.1311. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	19. If this is an existing station, enter the year it was first licensed: <div style="text-align: right;">1992</div>

SECTION III—TECHNICAL INFORMATION

NAME OF ITEM	A	B	C	D	E
20. Frequency (MHz)	12145.0 - 12577.0				
21. Bandwidth (kHz) and Emission Type					
22. Type of Message Service					
23. Initial Baseband Channel Loading					
24. 10 yr. Projected Baseband Channel Loading					

TRANSMITTER INFORMATION

NAME OF ITEM	A	B	C	D	E
25. Transmitter Operating Frequency Tolerance (%)					
26. Antenna Gain (dBi)					
27. Effective Isotropic Radiated Power (dBm)					
28. Beamwidth (Degrees)					
29. Height to Center of Final Radiating Element (Ft)					
30. Polarization					
31. Azimuth to Receive Site or Passive Repeater (PR) No. 1 (Degrees)					

RECEIVE SITE INFORMATION

NAME OF ITEM	A	B	C	D	E
32. Receiving Station's Call Sign					
33. Receiving Antenna Gain (dBi)					
34. Median Received Signal Level at Input to the Receiver (dBm)					
35. Latitude N (Degrees, Minutes, Seconds)					
36. Longitude W (Degrees, Minutes, Seconds)					
37. Ground Elevation AMSL (Ft)					
38. Height to Center of Receiving Antenna (Ft)					

PASSIVE REPEATER NO. 1 INFORMATION (IF ANY)

☐ If you have two or more passive repeaters on the same transmission path, check this box and answer items 39-46 on an additional FCC Form 402 or a separate sheet of paper for the second and successive passive repeaters.

NAME OF ITEM	A	B	C	D	E
39. Latitude N (Degrees, Minutes, Seconds)					
40. Longitude W (Degrees, Minutes, Seconds)					
41. Ground Elevation AMSL (Ft)					
42. Overall Height of PR Structure Above Ground (Ft)					
43. Dimensions (Ft X Ft) or Beamwidth (for dishes) (Degrees)					
44. Height Above Ground to Center of PR (Ft)					
45. Polarization					
46. Azimuth to Receive Site or Next PR (Degrees)					

SECTION IV—CERTIFICATION

1. Applicant certifies that a copy of CFR 47, Part 94 has been retained for reference.
2. Applicant waives any claim to the use of any particular frequency regardless of prior use by licensee or otherwise.
3. Applicant will have unlimited access to the radio equipment and will control access and exclude unauthorized persons.
4. Neither applicant nor any member thereof is a foreign government or representative thereof.
5. Applicant will utilize type accepted radio equipment and antenna of correct specifications.
6. Applicant certifies that all statements made in this application and attachments are true and complete.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ATTACHMENTS ARE PUNISHABLE BY FINE AND IMPRISONMENT U.S. CODE TITLE 18 SECTION 1001

TYPED NAME: <div style="text-align: center;">Bruce McKinnon</div>	TITLE: <div style="text-align: center;">Executive Vice President</div>
SIGNATURE of individual, partner, official of a governmental entity, officer or authorized employee of a corporation, or officer who is also a member of the association. <div style="text-align: center;"><i>Bruce McKinnon</i></div>	
DATE: <div style="text-align: right;">3/26/93</div>	

NOTICE TO INDIVIDUALS REQUIRED BY PRIVACY ACT OF 1974 AND THE PAPERWORK REDUCTION ACT OF 1980

Sections 301, 303, and 308 of the Communications Act of 1934, as amended, (licensing powers) authorize the FCC to request the information on this application. The purpose of the information is to determine your eligibility for a license. The information will be used by FCC staff to evaluate the application, to determine station location, to provide information for enforcement and rule-making proceedings and to maintain a current inventory of licensees. No license can be granted unless all information requested is provided. Your response is required to obtain this authorization.

FCC FORM 402 ENGINEERING DATA

SECTION III-TECHNICAL INFORMATION

TRANSMITTER SITE NAME : WINDSOR CT , NY
TRANSMITTER COORDINATES : 40 44 41.0 N
73 58 50.0 W

20. FREQUENCY (MHZ): SEE EXHIBIT
21. EMISSION: SEE EXHIBIT
22. TYPE OF MESSAGE SERVICE: VIDEO
23. INITIAL BASEBAND CHANNEL LOADING: 1
24. 10 YR PROJ. BASEBAND CHANNEL LOAD: 1

TRANSMITTER INFORMATION

25. OPERATING FREQ. TOL(%): 0.000500
26. ANTENNA GAIN (DBI): 44.7
27. EFFECTIVE RADIATED POWER (DBM): 22.7
28. BEAM WIDTH (DEGREES): 0.9
29. CENTER OF RADIATING ELEMENT (FT): 335.0
30. POLARIZATION: V
31. AZIMUTH TO NEXT STATION OR PR1(DEG): 55.444

RECEIVER INFORMATION

RECEIVER SITE NAME : 200 EAST 36 , NY

32. CALL SIGN:
33. RECEIVING ANTENNA GAIN (DBI): 44.7
34. MEDIAN RECEIVED SIGNAL LEVEL (DBM): -40.0
35. LATITUDE N. (DD MM SS): 40 44 46.5
36. LONGITUDE W. (DDD MM SS): 73 58 39.5
37. GROUND ELEVATION AMSL (FT): 32.0
38. HT. TO RECEIVING ANTENNA (FT): 205.0

SUPPLEMENTAL INFORMATION

TRANSMITTER INFORMATION

TRANSMITTER ANTENNA MAKE: CABLEWAVE SYSTEMS
TRANSMITTER ANTENNA MODEL: PA4-190
EQUIPMENT MAKE: HUGHES AIRCRAFT CO
EQUIPMENT MODEL: D0063QAMLMOT18120

RECEIVER INFORMATION

RECEIVING ANTENNA MAKE: CABLEWAVE SYSTEMS
RECEIVING ANTENNA MODEL: PA4-190

EXHIBIT #1

<u>FREQUENCY</u>	<u>EMISSION DESIGNATOR</u>
18145.0	5750A5C/250F3
18151.0	5750A5C/250F3
18157.0	5750A5C/250F3
18163.0	100AO
18169.0	5750A5C/250F3
18175.0	5750A5C/250F3
18181.0	5750A5C/250F3
18187.0	5750A5C/250F3
18193.0	5750A5C/250F3
18199.0	5750A5C/250F3
18205.0	5750A5C/250F3
18211.0	5750A5C/250F3
18217.0	5750A5C/250F3
18223.0	5750A5C/250F3
18229.0	5750A5C/250F3
18235.0	5750A5C/250F3
18241.0	5750A5C/250F3
18247.0	5750A5C/250F3
18253.0	5750A5C/250F3
18259.0	5750A5C/250F3
18265.0	5750A5C/250F3
18271.0	5750A5C/250F3
18277.0	5750A5C/250F3
18283.0	5750A5C/250F3
18289.0	5750A5C/250F3
18295.0	5750A5C/250F3
18301.0	5750A5C/250F3
18307.0	5750A5C/250F3
18313.0	5750A5C/250F3
18319.0	5750A5C/250F3
18325.0	5750A5C/250F3
18331.0	5750A5C/250F3
18337.0	5750A5C/250F3
18343.0	5750A5C/250F3
18349.0	5750A5C/250F3
18355.0	5750A5C/250F3
18361.0	5750A5C/250F3
18367.0	5750A5C/250F3
18373.0	5750A5C/250F3
18379.0	5750A5C/250F3
18385.0	5750A5C/250F3
18391.0	5750A5C/250F3
18397.0	5750A5C/250F3
18403.0	5750A5C/250F3
18409.0	5750A5C/250F3
18415.0	5750A5C/250F3
18421.0	5750A5C/250F3
18427.0	5750A5C/250F3
18433.0	5750A5C/250F3
18439.0	5750A5C/250F3
18445.0	5750A5C/250F3

EXHIBIT #1 CONTINUED

<u>FREQUENCY</u>	<u>EMISSION DESIGNATOR</u>
18451.0	5750A5C/250F3
18457.0	5750A5C/250F3
18463.0	5750A5C/250F3
18469.0	5750A5C/250F3
18475.0	5750A5C/250F3
18481.0	5750A5C/250F3
18487.0	5750A5C/250F3
18493.0	5750A5C/250F3
18499.0	5750A5C/250F3
18505.0	5750A5C/250F3
18511.0	5750A5C/250F3
18517.0	5750A5C/250F3
18523.0	5750A5C/250F3
18529.0	5750A5C/250F3
18535.0	5750A5C/250F3
18541.0	5750A5C/250F3
18547.0	5750A5C/250F3
18553.0	5750A5C/250F3
18559.0	5750A5C/250F3
18565.0	5750A5C/250F3
18571.0	5750A5C/250F3
18577.0	5750A5C/250F3